







FIGURE 4

p = p->next;

000

500

```
#pragma intel omp parallel taskq shared(p) num_threads(4)
                                               #pragma intel omp task captureprivate(p)
                              while (p != NULL)
                                                                 do_work(p);
void test(List p).
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670
               while (p != NULL)
                                do_work(p);
p = p->next;
 void test(List p)
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530
540
550
560
570
```

FIGURE 6

FIGURE 5

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		٠.
905	int NumThreads: // specify the number of threads	•
910	int NumThreadsPerGroup; //specify the number of threads per group	
915	int GroupNum = NumThreads / NumThreadsPerGroup;	
920	#pragma omp parallel for num_threads(GroupNum)	
925		<u>.</u>
930	for (int gid = 0; gid < GroupNum; gid++)	
935		
98	#pragma Intel omp parallel taskq num_threads(NumThreadsPerGroup) ordered	-
	shared(frame)	
945		• •
950	#pragma intel omp ordered	
955	frame = decoding video();	
096	#pragma intel omp task captureprivate(frame)	
- 865	extract feature(frame);	·;.
970		
975		•
086		·_s:
•		

FIGURE

